

Cambridge International General Certificate of Secondary Education (IGCSE) - Information and Communication Technology (0417)



The International General Certificate of Secondary Education (IGCSE) is the world's most popular international qualification for 14 to 16 year olds. It develops successful students, giving them excellent preparation for their next steps in education, including progression to A and AS Level study, and equips them with skills for immediate employment. Cambridge IGCSE is recognised by universities and employers worldwide.

Information and Communication Technology is an applied subject and all candidates will require frequent access to computer and Internet facilities to develop their skills.

Futurekids Computer Learning Center (Sch Reg No: 29075, 29076)
Registered Cambridge International School
Futurecyber Technology Solution Limited
(Centre No: HK071)

Flat A, 7/F., China Harbour Building, 370 King's Road, North Point, HK
Tel: 2503 1813 Fax: 2503 1861 WhatsApp: 5422 5884
E-mail: fkcorp@futurekids.com.hk Web: <http://www.futurekids.com.hk>

Introduction

The Information Communication Technology syllabus combines theoretical and practical studies focusing on the ability to use common software applications, including word processors, spreadsheets, databases, interactive presentation software, e-mail, web browsers and website design. It encourages learners to develop lifelong skills, including:

- understanding and using applications*
- using Information and Communication Technology (ICT) to solve problems*
- analysing, designing, implementing, testing and evaluating ICT systems, ensuring that they are fit for purpose*
- understanding the implications of technology in society, including social, economic and ethical uses*
- awareness of the ways ICT can help in home, learning and work environments.*

Scheme of Assessment

All candidates will be entered for Paper 1, 2 and 3.

Paper 1 (1 hour 30 minutes)

A written paper which contains multiple-choice, short-answer and structured questions. There will be no choice of questions.

Paper 2 and 3 (2 hours 15 minutes each)

The practical tests focus on the candidate's ability to carry out practical tasks rather than to explain the theory of how the tasks are completed. Candidates are assessed on their ability to complete these tasks.

All 3 papers will take place at FUTUREKIDS Computer Learning Center, by means of a CIE-set assessments, under controlled examination conditions. The documentation and printouts produced in the assessment will be externally marked by CIE.

Weighting of Papers

Paper	Weighting
1	40%
2	30%
3	30%

Examinations Schedule

Examinations are held in June and November each year with results issued in August and February respectively.

Grading System

Grading is on an eight-point scale (A - G) and grades A to E are equivalent to O Level grades A to E.*

Recognition & Progression

IGCSE is a high profile qualification. It has exactly the same value in admitting students to institutes of further education and employment as the UK equivalent – GCSE.

- ◇ IGCSE is comparable with GCE O Level and the UK GCSE
- ◇ IGCSE has an excellent reputation amongst international schools worldwide
- ◇ IGCSEs are recognised as a reliable record of attainment which counts towards entry to universities and colleges around the world

Candidates who are awarded grades C to A* in Cambridge IGCSE ICT are well prepared to follow courses leading to Cambridge International AS and A Level Information Technology, or the equivalent.

Curriculum Content

The curriculum content is set out in twenty-one interrelated sections. These sections should be read as an integrated whole and not as a progression. The sections are as follows:

- | | |
|---|-------------------------|
| 1. Types and components of computer systems | 12. Images |
| 2. Input and output devices | 13. Layout |
| 3. Storage devices and media | 14. Styles |
| 4. Networks & the effect of using them | 15. Proofing |
| 5. The effects of using ICT | 16. Graphs and charts |
| 6. ICT applications | 17. Document production |
| 7. The systems life cycle | 18. Databases |
| 8. Safety and security | 19. Presentations |
| 9. Audience | 20. Spreadsheets |
| 10. Communication | 21. Website authoring |
| 11. File management | |

Course Outline

Module	Section(s) Covered	Study Hours
Module 1: Presentation Authoring	12, 19	9 (6 Lessons)
Module 2: Data Analysis	16, 20	12 (8 Lessons)
Module 3: Website Authoring	12, 21	12 (8 Lessons)
Module 4: Data Integration	13, 14, 15, 17, 18	21 (14 Lessons)
Module 5: Computer Systems & Networking	1, 2, 3, 4, 8, 10	24 (16 Lessons)
Module 6: Application and Effects of ICT	5, 6, 9, 11	21 (14 Lessons)

Qualifying Test

To enrol the IGCSE - ICT course, students should pass the qualifying test. Please contact Futurekids for further details.

Further Enquiries

Contact Person: Ms Sally Chung, Senior IT Teacher

Tel: 2503 1813 Fax: 2503 1861

E-mail: sallychung@futurekids.com.hk

Course Schedule

The course is scheduled every Thursday or Friday from 4:30pm to 6:00pm or Saturday from 9:30am to 11:00am / 3:30pm to 5:00pm.

Module	Date	Lessons	Fee
Module 1: Presentation Authoring	2025 Sep 04 to 2025 Oct 11	6 lessons	\$3,600
Module 2: Data Analysis	2025 Oct 16 to 2025 Dec 06	8 lessons	\$4,800
Module 1 & 2 Test	Date and time to be confirmed		\$500
Module 3: Website Authoring	2025 Dec 11 to 2026 Jan 31	8 lessons	\$4,800
Module 3 Test	Date and time to be confirmed		\$500
Module 4: Data Integration (I)	2026 Feb 05 to 2026 Mar 21	7 lessons	\$4,200
Data Integration (II)	2026 Mar 26 to 2026 May 09	7 lessons	\$4,200
Module 4 Test	Date and time to be confirmed		\$500
Module 5: Computer Systems & Networking (I)	2026 May 14 to 2026 Jul 04	8 lessons	\$4,800
Computer Systems & Networking (II)	2026 Jul 09 to 2026 Aug 29	8 lessons	\$4,800
Module 5 Test	Date and time to be confirmed		\$500
Module 6: Application & Effects of ICT (I)	2026 Sep 03 to 2026 Oct 17	7 lessons	\$4,200
Application & Effects of ICT (II)	2026 Oct 22 to 2026 Dec 05	7 lessons	\$4,200
Module 7: Systems Analysis & Design	2026 Dec 10 to 2027 Jan 30	8 lessons	\$4,800
Module 6 & 7 Test	Date and time to be confirmed		\$500
Examinations	May - Jun 2027, details will be announced later		

Remarks:

1. Full payment should be made one week before the commencement date of each module.
2. Any make up class other than the scheduled time will require a \$200 administration fee.
3. No class on public holiday, make-up class will be arranged.
4. Students will study a selected course book, available for purchase from Futurekids or any online retailer.
5. Enhancement courses and mock examinations will be held after course end for students to re-enforce their knowledge in each module covered and familiarise the examination patterns. Details of schedule and fee will be announced later.
6. Prices are subject to change in due course; details will be announced one month before the module begins.